

A Study of Male Sterility in Corn, by N. I.
Ustinova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CCXVII,
No 3, 1959, pp 669-.

Amer Inst of Biol Sci

Sci

Mar 60

110,752

Butyric Acid Fermentation in Lactate-Containing
Medium, by L. G. Azova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 693-.

Amer Inst of Biol Sci

Sci

Mar 60

119,760

The Question of the Physiological Action of
 β -Ionone (Effect of β -Ionone on Adrenaline
Hyperglycemia), by S. D. Balakhovskiy, I. V.
Kuznetsova, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol X CXXVII,
No 3, 1959, pp 696-698.

Amer Inst of Biol Sci

Sci
Feb 60

107,774

Formation and Transformations of Protochlorophyll
in the Green Leaves of Plants, by P. F. Litvin,
A. A. Krasnovskiy, G. T. Rikhireva, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,
1959, pp 699-701.

Amer Inst of Biol Sci

Sci
Feb 60

107,775

The Incorporation of S³⁵-Methionine into
Subcellular Fractions in the Cells of Brain Cortex
and Cerebellum, by A. V. Palladin, Ya. V. Belik,
L. B. Krachko, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,
1959, pp 702-. 705

OTS 60-17573
Amer Inst of Biol Sci

Sci
Feb 60

107,776

Effect of Competition by Roots (in Seed Regeneration
of Grass Foundations in Siberian Forest Zones), by
I. V. Karmanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,
1959, pp 706-

ATPS

Sci

Mar 60

109,929

Biological Isolation of *Festuca sulcata* Hack, and
Festuca pseudovina Hack, by A. M. Ponomarev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 3, 1959, pp 710-.

ALBS

Sci

Mar 60

109,930

Recovery of Limb Regeneration in Axolotls
after x-Ray Irradiation, by L. V. Polezhayev,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 713-.

Amer Inst of Biol Sci

Sci

Mar 60

119,750

Distinctive Features of Cortical Stimulation
in Food and in Defensive Conditioned Reflexes,
by U. G. Gasanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 717-720.

Amer Inst of Biol Sci

Sci

Mar 60

110,769

THE EFFECT OF BROMOCAMBRID AND OTHER SUBSTANCES
ON THE PHASE ELECTRICAL ACTIVITY OF
Nerveless Organisms (Infusoria), by Kh. S.
Koshoyants, K. M. Koldiza, 3 pp.

RUSSIAE, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 721-723.

Amer Inst of Biol Sci

Sci

Mar 60

110,771

The Influence of Urea on Adrenergic Effects
on Heart and Blood Vessels, by B. N. Mamukhin,
4 pp.

RUSSIAK, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, pp 724-.

Amer Inst of Biol Sci

Sci

Mar 60

110, 772

On Periodic Groups, by R. S. Novikov, 4 p.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
CXXVII, 1959, pp 749-752.

Am Math Soc
Vol XLV, Ser 2

Sci-Math
Jun 66

302,648

On the Propagation of Tidal Waves on the Surface
of a Rotating Liquid in the Presence of Boundaries,
by S. S. Volt, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No ⁴ 4,
1959, pp 764-767.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

119,008

On the Statistical Dynamics of an Incompressible
Turbulent Fluid, by B. I. Davydov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 768-771.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,009

Investigation of the Tail of a Spinning
Detonation, by R. I. Soloukhin, M. E. Topchikun.
3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIVII, No 4,
1959, pp 772-773.

KLL M. 3384
Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci.
Jan 60

110,000

On the Development of Surface Waves Excited by
a. Periodic Moving Pressure, by L. V. Cherkasov,
3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVII, No 4,
1959, pp 774-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

119,011

On Isotropic Hardening of Plastic Bodies, by
D. D. Klev, 3 p.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 777-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

110,066

Sci
Mar 60

An Investigation of the Reactions $P^{19}(n,d)O^{18}$ and
 $P^{31}(n,d)Si^{30}$ for a Neutron Energy of 14.1 Mev.
by G. N. Velyukhov, A. N. Prokof'ev, S. V. Starodubtsev,
3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 781-783.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

110,028

Sci Mar 60

The Lowering of Strength and the Brittle Fracture
of Monocrystals of Zinc and Cadmium Caused by
Adsorption, by Yu. V. Goryunov, N. V. Pertsov,
P. A. Rebinder, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 784-787.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,029

A Variation of a Method of Calculating Intensities
and Polarizations in the Infrared Absorption
Spectra of Polyatomic Molecules, by L. A.
Gribov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 788-791.

Amer Inst of Phys
Sov Phys-Doklady 110,030
Vol IV, No 4

Sol Mar 60

Toward the Statistical Theory of Radiowave
Propagation over an Ideally Conducting Plane,
by E. A. Kaner, P. G. Bass, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 792-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
ppr 60

110,031

Observation of Chromospheric and Disk and at the Edge
of the Sun in Radio of the K-Line of Ionized
Calcium With Aid of Inter-Polarized Filter, by
S. B. Yoffe, N. M. Drichkov, I.A. Prokofyeva, V. M.
Sobolev.

RUSSIAN per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,
1959, pp 796, 797.

IGC-85

Sep 59

The Addition of Alkylsulfenyl Chlorides to Derivatives of Acrylic Acid, by M. G. Lin'kova, N. D. Patriza, I. L. Knunyants, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4, pp 799-802.

CB

Sci
Aug 60

126,401

Investigation of Phenyl-Radical Transfer Reactions,
by G. A. Razuvayev, G. G. Petukhov, B. G. Zatyev,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No ⁴¹~~156~~,
July-August, 1959, pp 803, 804.

CB

Sci

Aug 60

Copolymerization of Unsaturated Acyl Derivatives of
Butyl Polytitanate With Styrene, by A. L. Suvorov,
S. S. Spasskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
pp 805-807.

CB

Sci
Aug 60

126,402

A New Method for the Synthesis of Aromatic Organo-silicon Monomers, by E. A. Chernyshev, Li Kuang-liang, A. D. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4, pp 808-811.

CB

Sci
Aug 60

126,403

Heats of Combustion of Some Branched Alkanes, by
S. M. Shtekher, S. M. Skuratov, V. K. Daukshas,
R. Ya. Levina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
pp 812-814.

CB EE

126,404

Sci
Aug 60

Isomerization of γ -Oxides to Aliphatic Carbonyl
Compounds. The Effect of Temperature and Structure
of the Compounds, by N. I. Shuikin, I. F. Bel'skiy,
R. A. Karakhanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
pp 815-817.

CB

Sci
Aug 60

126,405

Polorographic Study of the Tautomerism of Some
Semi- and Thiosemi Carbozones in Solution and
Tautomerism and Geometric Isomerism for
Nitrogenous Containing Derivates of Carbonyl
Compounds, by Yu. P. Kitaev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959; No 7, 1962.

8ACSI I-7327

ID 2204022165

Sci - Chem
Jul 65

Photographic Study of the Tautomerism of Some
Semi- and Thiosemi Carbozones in Solution and
Tautomerism and Geometric Isomerism for
Nitrogenous Containing Derivates of Carbonyl
Compounds, by Yu. P. Kitaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 7, 1962.

ACSI I-7327

ID 2204022165

Sci - Chem
Jul 65

The Effect of Ionizing Radiation on the Structure
of Polyamides, by N. A. Slovokhotova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 831-834.

OTS 61-13752
DSIR LLU M.2770
(loan)

TIL T 5122

Sci - Chem

Mar 61

141,627

Marine Deposits of the Tournaisian Stage in Gornyi
Altai, by R. T. Gratsianova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 844-845.

AGI

Sci

Jun 61

Geography of Bottom Sediments of Tavan
Bay and Its Connection with Interepothal
Climatic Variations, by B. I. Koshechkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 846-848.

AGI

Sci

Jun 61

152,247

Paleogene Conglomerates of the North Flank of
the Soviet Carpathians, by L. V. Linetskaya,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 849-851.

AGI

Sci

Jun 61

152,248

New Evidence of Very Early Glaciation of the
Russian Plain, by A. I. Moskvitin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1949, pp 852-855.

AGI

Sci

Jun 61

152, 249

The Paleogeography of the Tarim Depression by
E. I. Selivanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 856-859.

AGI

Sci

Jun 61

15-2, 25-0

Early Glaciation of the Pamirs, by L. F. Sidorov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 860-861.

AGI

Sci

Jun 61

Some New Data on the Uzunlar Deposits of the
Caucasian Coast of the Black Sea, by P. V.
Fedorov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 862-864.

AGI

Sci

Jun 61

152,251

Rare-Earth Epidote from Pegmatites of the
Central Urals, by D. A. Minayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIXVII,
No 4, 1979, pp 865-868.

AGI

Sci

Jun 61

152, 263

The Optics of Submicroscopically Twinned
Crystals, by A. S. Marfumin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 869-872.

AGI

Sci

Jun 61

152, 269

... of ...
by A. S. Ostroumova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 873-876.

AGI

Sci

Jun 61

152,270

On Certain Peculiar Traits in the Geomorphology
of the Atlantic Ocean North West of England,
by A. V. Ilyin.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 881-883.

ILL M 5086

Sci - Earth Sci & Astron
May 63

229,343

Riphean Stromatolites of Kil'din Island, by
I. N. Krylov, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 888-891.

AGI

Sci

Jun 61

152, 265

The Ecology of Hyolithids, by V. A. Sysoyev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1999, pp 892-895.

AGI

Sci

Jun 61

152,266

Histological Changes in Piglet Epididymus
after Extensive Third Degree Burns, by
L. B. Berlin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 896-.

Azer Inst of Biol Sci

Sci

Mar 60

110,755

A Possible Method of Controlling the Food
Supply of Fish in Taganrog Gulf in the
Sea of Azov, by A. F. Gun'ko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVII,
No 4, 1959, pp 900-.

Amer Inst of Biol Sci

Sci

Mar 60

119 758

Distribution of Vitamin B₁₂ between
Bacterial Cells and the Medium, in
Connection with Spore Formation in a
Bacillus megatherium Culture, by V. I.
Ushakova, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 903-.

Amer Inst of Biol Sci

Sci

Mar 60

110,762

The Theory of Formation of Porphyrinogens in Plants,
by T. N. Godnev, R. M. Rotfarb, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 907-910.

Amer Inst of Biol Sci

Sci
Feb 60

107,777

The Photochemical and Spectral Properties of
Bacterioviridin of Green Sulfur Bacteria, by
A. A. Krasnovskiy, E. V. Pakshina, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 913-.

Amer Inst of Biol Sci

Sci
Feb 60

Sci. A-100-10000

107,778

Polymers of Polyacetylene (Soluble Linear and Branched),
by A. S. Polyakov, 3 p.

RUSSIAN. Dokl. Akad. Nauk SSSR, Vol. 217, No. 1, 1974, pp. 91-93.

ADP

Sci

Mar 60

109,934

Corn Fertilization (Zea mays L.), by S. N.
Korobova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, ⁵
No 4, 1959, pp 921-.

66 AIES

Sci

Mar 60

109,932

The Role of Daily Dark and Light Periods in
the Photoperiodic Reaction of Potatoes, by
A. T. Makronosov, T. N. Lundin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 6, 1959, pp 924-.

AIBS

Sci

Mar 60

109,928

Concerning the Mechanism of Color Changes in
Beluga, by V. M. Bel'kovich, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 928.

Amer Inst of Biol Sci

Sci

Mar 60

110,618

A Method of Inducing Atherosclerosis in Rabbits,
by T. A. Sinitayna, T. E. Loryagina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 931-.

Ames Inst of Biol Sci

Sci

Mar 60

110,749

Measurement of the Adrenalin and Noradrenalin
in the Suprarenals of the Chick Embryo,
by B. H. Manukhin, G. A. Vuznikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 934.

Amer Inst of Biol Sci

Sci

Mar 60

110,774

Gel'man, A. Ye.
THEOREMS ON IMPLICIT ABSTRACT FUNCTIONS
AND QUESTIONS OF STABILITY FOR OPERATOR
EQUATIONS. [1960] [9]p. 5 refs.
Order from OTS or SLA \$1.00 61-10710

Trans. of Akademika Nauk SSSR, Doklady, 1959,
v. 127, no. 5, p. 945-948.

DESCRIPTORS: *Operators (Mathematics), *Equations,
Stability, *Functions, Theory.

Two theorems are presented. The first is an implicit
function theorem and the second deals with the existence
of solutions of a system of operator equations.
(Translator)

(Mathematics, TT, v. 6, no. 1)

61-10710

I. Gelman, A. Ye.

161604

Office of Technical Services

Neimark, Yu. I.
ON THE ADMISSIBILITY OF LINEARIZATION IN
STABILITY INVESTIGATIONS. [1961] [9]p. 7 refs.
Order from OTS or SLA \$1.10 61-16465

Trans. of Akad[emiya] Nauk SSSR. Doklady 1959,
v. 127, no. 5, p. 961-964.

DESCRIPTORS: Control systems, *Stability, Motion,
*Linear systems, Mathematical analysis, Integral
equations.

The present study is concerned with linearization, when
the stability of the solutions of certain distributed sys-
tems, which are described by differential equations
with lagging arguments, is being investigated. We also
consider equations involving partial derivatives which
are related to systems of automatic regulation with
uniformly distributed elements (lags, pipe-lines fric-
tion, long line impedance, etc). The proof of the
(Mathematica, TT, v. 6, no. 8) (over)

61-16465

I. Neimark, Yu. I.

188692

Office of Technical Services

TT-64-16383

Pliss, V. A.
ON THE NUMBER OF PERIODIC SOLUTIONS TO
EQUATIONS WITH A POLYNOMIAL RIGHTHAND
PART. [8p] 1ref
Order from OTS, SLA, or ETC \$1.10 TT-64-16383

1 Pliss, V. A.

Trans. of Akademiya Nauk SSSR / Doklady / 1959.
v. 127, no. 5, p. 965-968.

(Mathematics, TT, v. 12, no. 3)

Office of Technical Services

Riemannian Spaces Which Contain Straight Lines,
by V. A. Toponogov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, CXXVII, 1959,
pp 977-979.

Amer Math Soc

Sci - Math
Jun 64

On the Statistical Theory of Turbulence, by
D. I. Davydov, 3 p.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVII, No 5,
1959, pp 960-962.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

119,012

Nonstationary Problem of Magnetohydrodynamics, for
a Half-Space, by B. A. Regirer, 4 p.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXVII, No 5,
1959, pp 983-986.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci.
Mar 60

110,013

On a Possible System of Equations of
Relativistic Gas Dynamics Considering Radiation
and Absorption of Light, by P. I. Frankl', 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 987-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,014

Limit Analysis of a Plastic Nonhomogeneous Wedge,
by B. A. Druryanov, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 990-4

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

119,044

Verification of the Dispersion ^e Relations for the
Photoproduction of π -mesons, by A. M. Baldin,
B. B. Gouvorikov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
1959, No 5, pp 993-996.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

110032

Sci Mar 60

A Study of the Temperature Dependence of the
Fine Structure of the Main X-ray K-Absorption
Edge in Fe. by I. B. Borovskiy, V. V. Shmidt,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,
1959, No 5, pp 997-1000.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,033

Concerning the Interaction of Currents Flowing
in a Conducting Medium with the Earth's
Magnetic Field, by V. N. Zhigulev, E. A.
Kozishchevskiy, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, pp 1001-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

110,034

Bci Mar 60

(HY-3000).

On Free Convection in the Deepwater Trenches of
the Ocean, by B. A. Taroyev, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, no 5,
1980, pp 1005-1011

JPRS-2119-N

11-2

USSR

Sci - Geophys, Oceanography
Jan 60

105,227

Dehydration of Gypsum in an Ultrasonic Field,
by V. A. Zolotov, A. I. Kurochkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1009-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci

Mar 60

Some Regularities in the Formation of Compounds of
Rhenium With Transition Metals, by N. V. Ageyev,
V. Sh. Shekhtman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
pp 1011-1013.

CB

Sci
Aug 60

126,406

Synthesis of Some Triethylsiloxyalkoxytitanes, by
K. S. Andrianov, V. V. Astakhin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
pp 1014-1015.

CB

126,407

Sci
Aug 60

THE PROBLEMS OF THE FORMATION OF THE SOVIET UNION, by
S. M. Kalichenko, A. R. Kozlov, B. I. Pirogov,
S. M. Skumatov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
pp 1016-1018.

CB

126,408

Sci
Aug 60

Seven-Component Reciprocal System of 16 Salts, Li, Na, Rb, Tl || Br, Cl, NO₃, SO₄ in Melts, by N. S. Dombrovskaya, E. A. Alekseyeva, 4 pp.

RUSSIA, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5, pp 1019-1022.

CB

Sci
Aut 60

126,409

Systems of Organic Thio Acids of Boron and Some of
Their Reactions, by B. M. Mikhaylov, T. K. Kosmin-
skaya, N. S. Fedotov, V. A. Dorokhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
pp 1023-1026.

CB

126,410

Sci
Aug 60

Telomerization of Ethylene With Carbon Tetrachloride,
Chloroform, and Ethyl Trichloroacetate in the Presence
of Iron Pentacarbonyl, by R. Kh. Freidlina, A. B.
Belyavskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 1-6,
July-August, 1959, pp 1027, 1028.

Sci

Aug 60

CB
ATS-95 M37R
NLL
ATS-RJ-2397

On the Destructive Catalytic Hydropolymerization of
Isobutylene-Hydrogen Mixtures, by Ya. T. Eidus,
B. K. Nefedov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
pp 1029-1031.

CB

Sci
Aug 60

126, H11

Boreskov, G. K. and Vasilevich, A. O.
THE MECHANISM OF ISOTOPE EXCHANGE IN MOLECULAR HYDROGEN ON PLATINUM FILMS. 8p.
7 refs. MTWL: 955.
Order from OTS or ETC \$1.55 61-17551

Trans. of Akademiya Nauk SSSR. Doklady, 1959,
v. 127, no. 5, p. 1033-1036.

DESCRIPTORS: *Platinum, *Hydrogen, Isotopes,
*Exchange reactions, Catalysts, Surfaces.

61-17551

- I. Boreskov, G. K.
- II. Vasilevich, A. O.
- III. MTWL-955
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

14 684

Fr-1

SMIRNOV M. V., CHURKHEEV N. Ya.

Oxido-reduction potential of the $\text{Be}^+/\text{Be}^{++}$ system in molten chlorides of alkaline metalsPotentiel d'oxydo-réduction du système $\text{Be}^+/\text{Be}^{++}$ dans les chlorures fondus des métaux alcalins

Dokl. Akad. Nauk SSSR, 127, No. 5, 1066-1069 (1959)

R. 1200 - French

E u r a t o m

On the Lower Carboniferous Deposits of the
Belgorod-Oboyan Region by A. B. Gurevich,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 1074-1077.

AGI

Sci

Jun 61

152,252

The Age of the Alkaline-Ultrabasic Volcanic Formations
of the Northern Part of the Siberian Platform, by
A. I. Ivanov, L. P. Pirozhnikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 1078-1080.

AGI

Sci

Jun 61

The Stratigraphy and the Pelscypoda of the
Upper Silurian and Lower Devonian of the
Northeastern Pri-Balkhash, by I. N. Krasilova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1979, pp 1081-1084.

AGI

Sci

Jun 61

152, 253

On the Boundary Between the Lower Cambrian and
the Ordovician of the Near-Dniester Region by
V. P. Kurochka, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CCXVII, No 5,
1959, pp 1085-1088.

AGI.

Sci

Jun 61

152, 254

The Morphology and Systematic Position of
Representatives of the Genus Epiphyton, by
K. B. Korde, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 5,
1959, pp 1087-1089.

AGI

Sci

Jun 61

Principle features of Mesozoic-Cenozoic
Development in Southern European USSR, by
M. F. Mirchink, N. A. Krylov, A. I. Letavin,
Ya. P. Malovitsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 1089-1091.

AGI

Sci

Jun 61

152, 255

Certain Features of the Deep-Seated Structure
of Central Kazakhstan and the Distribution
of Ore Deposits, by F. S. Moiseyenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1092-1095.

AGI

Sci

Jun 61

152, 256

On the Theory of Geyser Activity, by A. S.
Nekhoroshev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1096-1098.

AGI

Sci

Jun 61

152, 262

Enzyme Activity and the Intensity of Respiration of
Soil, by A. Sh. Galstyan.
RUSSIAN, per, Dok Ak Nauk: SSSR, Vol CXXVII, No 5,
1959, pp 1099-1102.
NZDLA

SCI - Biol/Med
Apr 64

254,572

On the Oligocene Flora at Kozyulino Village
at the Mouth of the Tom' River, by P. I.
Dorofeyev, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 1103-1105.

S. I.
Dorofeyev

152,267

On the Lower Devonian Mollusc *Hercynella* on
the Western Slope of the Polar Urals, by G. A.
Chernov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, pp 1106-1109.

AGI:

Sci

Jun 61

152, 268

Use of Ultraviolet Fluorescence Microscopy in
Studying the Structure of the Mucous Membranes
of the Accessory Nasal Sinuses, by V. N.
Shalunovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1110-.

Amer Inst of Biol Sci

Sci

Mar 60

110, 756

Continuous Fermentation Process in Aspergillus
lignosus in Flowing Medium, by N. N.
Bokhtereva, N. G. Kolaanikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1114-1116.

Amer Inst of Biol Sci

Sci

Mar 60

110, 761

Interrelation Between the Chemical Composition
of Soybean Meal Fractions and the Production
of Streptomycin by Actinomyces streptomycini,
by V. M. Shaposhnikov, T. B. Kazanskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1117-.

Amer Inst of Biol Sci

Sci

Penicillin & Streptomycin

Mar 60

110,763

The Effects of Local Fractionation of X-ray
Doses on the Recovery of Striated Muscle, by
N. V. Kozlova, 4 p.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVII,
No 5, pp 1121-1124, 1959,

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

110,046

Sci
Mar 60

The Effects of Methyl-bis-(β -Chlorethyl) -Amine
(HE_2) on Frogs in Winter Hibernation Conditions
by S. P. Yarmonenko, R. G. Kostyanovskiy, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIVII, No 5,
1959, pp 1125-.

Azer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,047

Inhibition by Hydroxylamine of the Light Reactions in
the Transformations of Xanthophylls, by D. I.
Sapozhnikov, Z. M. Eidel'man, N. V. Bazhanova,
O. F. Popova, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
1959, pp 1128-.

Amer Inst of Biol Sci

Sci
Feb 60

107,779

Cell Division during Regeneration of the
Lentil Root, by L. P. Chel'tsova, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXV, No. 5, 1959, pp 1132-.

AIRB

Sci

Mar 60

109,936

The Immediate Effect of pH of the Root Environment on
Plants, by N. S. Avdonin, N. A. Kolozova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5, 1959,
pp 1136-1137.

ALBS

Sci

Mar 60

109,787

A Comparative Study of Certain Characteristics of
Orderly Development by Stages in Red Clover, by
T. I. Kapralova, 4 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXVII,
No 5, 1959, pp 1140-.

AIBS

Sci

Mar 60

109,788

Shape-Preserving Flows and a Point Explosion in
the Magnetic Gasdynamics of a Gas of Infinite
Conductivity, by D. V. Sharikadze, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 6,
1959, pp 1183-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

119,015

Method of Approximate Computation of Ionic
Optical Systems, Taking into Account the
Effect of Space Charge, by Means of Mapping
in a Three-Dimensional Electrolytic Tank,
by V. M. Breytman, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 6, pp 1187-1190.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci Mar 60

119035